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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/183,621	10/30/1998	MARTIN LIVESSEY	49658-025	3358

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EXAMINER

GOOD JOHNSON, MOTILEWA

ART UNIT PAPER NUMBER

2672

DATE MAILED: 09/05/2003

28

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/183,621

Applicant(s)

LIVESEY, MARTIN

Examiner

Motilewa A. Good-Johnson

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2672

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 June 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 26-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 26-35 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

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DETAILED ACTION

1. This action is responsive to the following communications: application, filed on 10/30/1998; Amendment A, filed on 09/25/2000; Appeal Brief, filed on 08/22/2001; Amendment B, filed on 02/27/2002; Request for reconsideration, filed on 09/04/2002; Amendment C, filed 06/30/2003.

This action is made final.

2. Claims 26-35 are pending. Claims 2-7, 9-14, 16 and 17-25 have been canceled. Claims 26-25 have been added.

3. The present title of this application is "Aperiodic Tiling of Textured Images" (as originally filed).

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 26-35 are rejected under 35 U.S.C. 102(b) as being anticipated by Stam, *Aperiodic Texture Mapping*, ERCIM, July 1996- March 1997, pages 1-9.

As per independent claim 26, a method for performing textured mapping of a target area . . . comprising the steps of: providing a user interface that allows a user to

select placement of aperiodic tiles on a texture image; based on said placement, generating textured tiles; and covering said target area in an aperiodic tiling pattern with said textured tiles. (Stam discloses a computer graphics modeling tool algorithm which texture maps a texture on a square domain onto a surface, i.e. target area, and based on the texture map with the period boundaries generating an aperiodic tiles of the texture map, page 2)

With respect to dependent claim 27, receiving input that defines said texture image. (Stam discloses receiving the texture map, page 2)

With respect to dependent claim 28, the step of covering said target area in said aperiodic tiling pattern . . . includes the step of: placing said textured tiles in an overlapping configuration on said target area. (Stam discloses the aperiodic tile generated by recursively replacing each tile, therefore providing an overlap in the texture tile, page 2)

As per independent claim 29, a method for performing textured mapping of a target area, the method comprising the step of: covering said target area in an aperiodic tiling pattern with tiles generated from a texture image; wherein said step of covering said target are in said aperiodic tiling pattern includes the step of placing said tiles in an overlapping configuration on said target area. (Stam discloses a computer graphics modeling tool algorithm which texture maps a texture on a square domain onto a surface, i.e. target area, and based on the texture map with the period boundaries generating an aperiodic tiles of the texture map, and the aperiodic tile generated by recursively replacing each tile, therefore providing an overlap in the texture tile, page 2)

With respect to dependent claim 30, receiving input that defines said texture image. (Stam discloses receiving the texture map, page 2)

As per independent claim 31, a computer-readable medium carrying one or more sequences of instructions for performing textured mapping . . . performing the steps of: providing a user interface that allows a user to select placement of aperiodic tiles on a texture image; based on said placement, generating textured tiles; and covering said target area in an aperiodic tiling pattern with said textured tiles. (Stam discloses a computer graphics modeling tool algorithm which texture maps a texture on a square domain onto a surface, i.e. target area, and based on the texture map with the period boundaries generating an aperiodic tiles of the texture map, page 2)

With respect to dependent claim 32, receiving input that defines said texture image. (Stam discloses receiving the texture map, page 2)

With respect to dependent claim 33, placing said textured tiles in an overlapping configuration on said target area.

As per independent claim 34, a computer-readable medium carrying one or more sequences of instructions for performing textured mapping . . . to perform the step of: covering said target area in an aperiodic tiling pattern with tiles generated from a texture image; wherein said step of covering said target are in said aperiodic tiling pattern includes the step of placing said tiles in an overlapping configuration on said target area. (Stam discloses a computer graphics modeling tool algorithm which texture maps a texture on a square domain onto a surface, i.e. target area, and based on the texture map with the period boundaries generating an aperiodic tiles of the texture map, and the

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aperiodic tile generated by recursively replacing each tile, therefore providing an overlap in the texture tile, page 2. Stam further discloses a workstation provided to perform the texture tile, page 4)

With respect to dependent claim 35, receiving input that defines said texture image. (Stam discloses receiving the texture map, page 2)

Response to Arguments

6. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Motilewa A. Good-Johnson whose telephone number is (703) 305-3939. The examiner can normally be reached on Monday - Friday 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mike Razavi can be reached on (703) 305-4713. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.

Motilewa A. Good-Johnson
Examiner
Art Unit 2672

mgj
August 27, 2003

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A handwritten signature in black ink, consisting of stylized, overlapping loops and a long horizontal stroke extending to the right.

MICHAEL RAZAVI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600